

ASUSTeK Computer Inc

Class II Permissive Change Letter

DATE : 2024/12/6

To Whom It May Concern:

The purpose of this letter is to request Class II Permissive Change for:

FCC ID: **MSQ-MT7922A12L**

Original Grant Date: **06/18/2024 (DSS/DTS/NII/6CD)**

Pursuant to CFR 2.1043, (**ASUSTeK Computer Inc**) hereby requests a Class II Permissive Change.

Modification:

-Change #1: Additional chassis added, ASUSTeK,

model number: M5506N, D5506N, Y5506CN, M5606N, D5606N, Y5606CN, M5506U, D5506U, Y5506CU, M5606U, D5606U, Y5606CU, M5506W, D5506W, Y5506CW, M5606W, D5606W, Y5606CW, M5606K, D5606K, Y5606CK

Brand	Model Number	LCD size	CPU
ASUS	M5506N, D5506N, Y5506CN	15.6"	R5-7535H/HS
	M5606N, D5606N, Y5606CN	16"	R7-7735H/HS
	M5506U, D5506U, Y5506CU	15.6"	R9-8945H/HS
	M5606U, D5606U, Y5606CU	16"	R7-8845H/HS
	M5506W, D5506W, Y5506CW	15.6"	AI R9HX-170
	M5606W, D5606W, Y5606CW	16"	AI R9-165
	M5606K, D5606K, Y5606CK	16"	AI R7-350 AI R5-340

- The different between the M55 series and M56 series are LCD size and CPU.

- All models are electrically identical (including the appearance size, antenna location and RF electrically identical are the same.), different model names and SKU are for marketing purpose.

-Change #2: Reduce BT/Wi-Fi output power through BIOS that cannot be changed by end user and SAR were evaluated accordingly.

-Change #3: The software security information is kept the same as the module's original application.

-Change #4: Adds new antennas that meet FCC Part 15 equivalent-type.

The original application was certified with a 4.92 dBi. The C2PC is to add a lower gain

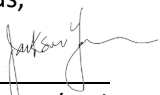
Function	Band	MAIN		AUX	
		NB mode	PAD mode	NB mode	PAD mode
Wi-Fi+BT	2.4G (2401MHz~2483MHz)	1.64		1.48	
	5G (U-NII-1) (5150MHz~5250MHz)	2.31		1.56	
	5G (U-NII-2A) (5250MHz~5350MHz)	2.67		0.74	
	5G (U-NII-2C) (5470MHz~5725MHz)	2.86		-0.23	
	5G (U-NII-3) (5725MHz~5850MHz)	2.48		0.98	
	5G (U-NII-4) (5850MHz~5925MHz)	1.74		1.07	
	6G (U-NII-5) (5945MHz~6425MHz)	1.4		1.81	
	6G (U-NII-6) (6425MHz~6525MHz)	2.46		1.43	
	6G (U-NII-7) (6525MHz~6875MHz)	3.11		2.11	
BT	6G (U-NII-8) (6875MHz~7125MHz)	4.08		2.57	
	2.4G (2401MHz~2483MHz)				

-Change #5: The lowest antenna gain of Wi-Fi 6E band shows -13.92 dBi on initial modular filing (report number:RFBARR-WTW-P21060023L) of the CBP, the regulatory threshold is -62 dBm/MHz. For this application, it is satisfactory to the new antenna (lowest antenna gain of Wi-Fi 6E band is 1.4 dBi) used by this host.

Thank you for your attention in this matter.

Best Regards,

Signature



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